

Developing and Providing Coastal and Ocean Spatial Information (Marine GIS) Preliminary Report and Plan to the NOS Senior Management Council

Sections

I. Front Cover (five pages)

- Front Cover
- Inside Front Cover
- Title Page
- Participating Offices and Staff
- Table of Contents

II. Executive Summary 1-page

III. Introduction (three pages max)

- The Goal of this effort/our mission
 - Table?
 - Concrete, not vague
- Evolution of this concept (recent history)
- Retreat/synergy
- Important challenges
 - Unique type of data (liabilities, real-time, etc.)
- Operating Principles
- The five objectives
- NOS's contribution to the National Spatial Data Infrastructure? (current and new opportunities)
- Relationship to other NOAA/FGDC/NSDI Initiatives
 - Strategic Plan
 - NVDS
 - Digital Earth Initiative
 - C-FIP
- Why do this now?
 - Who benefits (internal/external customers)?, how?
 - Resource availability
 - Including outside funding
- Why NOS?
 - Executive Order #12906
- Structure of the report

Sections IV-VIII will be 1 page each

IV. Objective 1 – Catalog NOS's Geospatial assets (Data, Expertise, Hardware, Software) that contribute to the NOS Spatial Data Mission

Activity 1 – Identify NOS MGIS Holdings (Data Sets) and present availability
Activity 2 – Identify NOS MGIS Expertise
Activity 3 – Identify NOS MGIS Hardware and Software
Activity 4 – Consolidate Customer Demand

V. Objective 2 – Assess and evaluate selected assets to ensure that they are useful and available to NOS Spatial Data Customers

Activity 1 – Primary Layer: National Shoreline data sets
Activity 2 – Primary Layer: Coastal Hydrographic/bathymetric data
Activity 3 – Primary Layer: Coastal Cadastral/administrative boundary data
Activity 4 – Define criteria for inclusion
Activity 5 – Prioritize layers for action

VI. Objective 3 – Develop a Structure/System to ensure that these Assets are delivered to the NOS Customers in a Timely manner and Useful Form

Activity 1 – Evaluate mechanisms to determine best way to transmit data (web & other)
Activity 2 – NOS Mapfinder
Activity 3 – NOAA Server
Activity 4 – NOAA Data Directory
Activity 5 – NOS Intranet and link www pages at high level (like Envirofacts at EPA) or FTP service
Activity 6 – Develop a comprehensive NOS Data Access Policy

VII. Objective 4 – Design a mechanism to provide technical assistance and data education to the Coastal Geospatial Data Community (including NOS staff)

Activity 1 - NOS geospatial training and education sessions
Activity 2 - Regional workshops to Users
Activity 3 - Complete Vol 3 Shalowitz
Activity 4 - Write Coastal Mapping Handbook

Activity ??? – Key Reference: metadata
Activity ??? – Feedback links on web pages

VIII. Objective 5 – Establish a NOS coordination group to provide leadership and oversight to objectives 1-4 as the NOS Geospatial Data Infrastructure is developed

Activity 1 – Form NOS GS Council
Activity 2 – Re-assign (detail) key personnel to staff the Council
Activity 3 – Establish NOS Coastal Data working groups
e.g., Shoreline working group, Bathymetry

Activity 4 – Evaluate NOS’s mission regarding outside groups – FGDC, NIMA, Baseline Committee, USGS, EPA, USCG, State and local govt., NGO’s, NACo, CSO, NSGIC, OGIS,

Activity 5 – Evaluate NOS’s mission with regard to rest of NOAA – NVDS, National Data Centers, etc.

Activity 6 – Determine the relationship to NOS Science Council, Business Council, and IT Council

IX. Recommendations to the NOS SMC 1 page or less

1. Recommend Management oversight structure

Models:

a) Line Office lead

b) Detail/Shared

c) Status quo (AOP/Performance Plans)

2. Determine immediate NOS priorities for GIS Data

3. Issue NOS policy guidelines regarding GIS Data

Federal funding requires FGDC compliance (i.e., CZ awards)

Executive order #12906

OMB A130

X. Current and/or planned activities – table 1 page

List all the ESDIM projects and any other that relate to one of the objectives about

List Sea Grant projects

List FGDC grants

List any number of special projects that relate to MGIS

XI. Funding Strategy – 1 page

Line Office Funding – funds in the existing budget (excluding salaries)

NOS already spends a ton – percentage of people’s time

huge amount to traditional projects

relatively small amount to Marine GIS?

Year 2000 Community/Federal Information Partnership \$67 M total (NOAA 8M)

Other reimbursable funding

NOAA ADF - \$250K

ESDIM Funding – \$750-k-1 mil

FGDC Grants – \$30-50K each

Sea grant – 100K-500K

NSF Digital Government opportunities – \$50K+

NOAA NVDS – 10 M mostly for NOAA Data Centers

NOAA HPCC

NOAA Data Rescue

SBIR

USGS

Tin Cup

Funding/resource shortfalls

XII References and background reading

Acronyms/definitions

XIII Back Cover (two pages)

Inside Back Cover

Back Cover